RECORD

This notebook is of value to the owner and a reward will be paid if it is returned to:

Reed C. Rollins
22 Divinity Ave.
Cambridge, Mass. 02138

57
0

Georgia

6601 Leav. exigua Rollins
Petals white with greenish claws, siliques flat, thin.
cedar glade, Lakeview, near Chickamauga Creek, about 1 mile south of the Tennessee state line
Catoosa Co., Georgia - April 10, '66

Tennessee

6602 Wesquerella stonensis Rollins (6)
Fls. white - blade white, claw greenish yellow, roadside and pasture, ½ mile west of East Fork of Stones River, near Sparkesville, East of Murfreesboro.
Rutherford County - April 11, '66

6603 Leav. unifora (Michx.) Britt.
Fls. white. cedar glade (dry)
1 mile south of Milton, Rutherford Co., April 11, '66

Tennessee

6604 Lesquerella densipila Rollins (3)
pasture, 2 miles east of
Murfreesboro, Rutherford Co.
April 11, '66

Texas with Correll

6605 Lesq. argyraea (Brass) Wats. (8)
Mesquite brushland area, limestone
outcrop, fls yellow, pedicels
sigmoid, plants winter annual,
391.5 stylar grinsky shed, 7.5 mi. west
3 73 at of D'Hanis, 3.5 mi. east of Sabinal,
Sabinal Medina Co., April 18, 1966.

6606 Lesq. sessilis (Wats.) Small (20)
Mesquite brushland, west of
the Sabinal River, 2 miles
west of Sabinal, Uvalde Co.,
41.3 April 18

Fls. yellow, pedicels straight,
divaricate, annual.

Texas

6607 Lesq ~~argyraea~~ gordonii (Gray) Wats. (6)
pedicels sigmoid to recurved, styles
not quickly shed, winter annual,
mesquite brushland, west of the
Blanco River, 6 miles west of
Sabinal, Uvalde Co., April 18
stems erect, fls not shallow
fruits taken

6608 Lesq. argyraea (Gray) Wats (10)
pedicels sigmoid, stems decumbent,
fls. yellow, shallow, styles quickly
deciduous. open pasture, Knippa,
Uvalde Co - April 18

6609 Lesq argyraea (Gray) Wats (2)
dry Rio Frio River, 7 miles east
389 of Uvalde, Uvalde Co.
April 18

6610 Lesq. argyraea (Gray) Wats. (4)
Fls. yellow, shallow, pedicels
sigmoid, lvs. narrow in open, broad
41.5 in fenced locations, outer stems
decumbent, open ~~in~~ brushy knoll,
ca. .5 mi. east of Uvalde, Uvalde Co.
April 18th

Texas

6611 Desmanthus lasiocarpa (Hook.) Wats. (3)
Roadside, 3 miles south of
Uvalde, Uvalde Co. April 18th

6612 Desmanthus lasiocarpus Nutt. var. orbiculare (Thell.) Hitchc. (3)
Roadside, 3 miles south of
Uvalde - as 6611

6613 Desmanthus reticulatus (Wats.) Small (7)
pedicels straight, infl. dense
mesquite bunchland, 1.5
miles southeast of Uvalde,
seed silver

6614 Acacia petalosa Gray (6)
Rocky hill, as 6613

6615 Desmanthus argyrea (Gray) Wats. (9)
pedicels weakly sigmid, small plants
in sun, larger in shade of mesquite,
about 7 miles northeast of ~~Eagle~~ Amargosa
Ranch entrance, Kinney Co.
Amargosa

Texas

6616 Lesq. fendleri ? n. sp. ? (30)
Canyon, west facing, Anacacho
Seed collected Mts., Anacacho Ranch,
Kinney Co., Anacacho
Fls. yellow, pedicels straight,
Same loc. as Cowell 30765 April 18 2n=12

6617 Arabis petiolaris Gray (1)
as 6616

6618 Lesquerella fendleri (Gray) Wats. (4)
Foot of northwest facing slope,
Anacacho Mts. as 6616
Anacacho

6619 Lesq. argyrea (Gray) Wats. (1)
Fls yellow, shallow, anthers
extrose, coon pasture,
Seed collected Anacacho Ranch

April 19th

Texas

6620 Lesq. lasiocarpa (Hook.) Wats.
Roadside, mesquite brushland
area, ca. 4 miles southeast of
Eagle Pass, Maverick Co.,
april 19, '66

6621 Lesq. lasiocarpa (Hook.) Wats (6)
Silique inflated, pedicels recurved
19 miles east of Eagle Pass,
Maverick Co.
april 19

577
Seed
wt.
25/19

6622 Lesq. grandiflora (Hook.) Wats.
Red sandy soil, open scrubland
12 miles west of Carrizo
Springs, Dimmit Co.,
april 19

590
602
Seed

Texas

6623 Berg. argyrea (Bray) Wats. (13)
Fls. shallow, pedicels sigmoid
plants in bud, fl. & mature fruit.
642 681 showing obvious periodic response,
sandy and rocky areas, 39 miles
north of Laredo, Webb Co.
April 19, '66

6624 Nerisyrenia camporum (6)
perennial, open knoll in brushland
area, 2 miles south of Laredo,
Webb Co., April 20th
686.5 Laredo

6625 Berg. lariocarpa (Hook.) Wats. (1)
Sandy soil, about 6 miles south
of Laredo, Webb Co.
April 20

Texas

6626 Wesq. Lasiocarpa (Hook.) Wats. (4)
Sandy soil, 10 miles south
of Laredo, Webb Co.
April 20th,

6627 Wesq. argyrea (Gray) Wats. (6)
Sandy soil, 14 miles north
of San Ignacio, Zapata Co.
April 20th,

6628 * Synthlipsis greggii Gray (7)
Fls. white, sandy-clay banks,
overlooking Rio Grande River,
3 miles north of San Ignacio,
Zapata Co., April 20

6629 Wesq. Thamnophila Rollins & Shaw (21)
n. sp.
Sandy wash, in bushes and
cactus clumps, stems decumbent,
pedicels recurved, styles easily
shed.

with Correll

3 miles southeast of Zapata,
Zapata Co., April 20

N = 8 det. L. Rudenberg | checked

6630 Lesq. faulkii (Bray) Wats. (4)
gravelly limestone, 4 miles
north of Guemado, Maverick Co.,
April 21

6631 Lesq. argyraea (Bray) Wats (2)
Rocky knoll, near Devils River,
12.5 miles north of Del Rio,
Val Verde Co., April 21

6632 Lesq. purpurea (Bray) Wats. (3)
Flats whitish
Falus and rock crevices, Eagle
Cave Canyon, 1 mile northeast of
Langtry, Val Verde Co.
April 21

Texas

6633 Selenia dissecta T. & B. (8)
Fruits slightly inflated, marginal,
barrea - mesquite scrubland,
draw near road, Texas State
2627, 9 miles southeast of
U.S. 285, road to Babinda,
Brewster Co., April 22

6634 Synthlipsis greggii (Gray) Greene (8)
Fls. white turning pink with age
as 6633

6635 Nemophila campestris (Gray) Greene (6)
Fls. white, turning pink with
age. as 6633

Babinda
~24

6636 Desq. gordonii (Gray) Wats. (2)
gravel in bed of Tornillo
Creek, above Hot Springs,
Brewster Co., April 22

6637 Desq. fendleri (Gray) Wats (3)
Roadside, 16 miles south
of Alpine, Brewster Co.
April 22

6638 Lepidium lasiocarpum Nutt. (3)
var. Wrightii (Gray) Thell.
Roadside, 19 miles south
of Van Horn, Culberson Co.,
April 23

4-23
alpine

F.A. Davis
447

6639 Lepidium montanum Nutt (2)
as 6638 var. angustifolium C.L. Hitchcock

6640 Nerisyrenia linearifolia (Watts.) Greene (10)
Flr. white, gypsum hills,
state line 1.7 miles south of New
62° Mexico State line, Texas. Rat
Ranch Road 1108, Culberson Co.,
April 23

6641 Lesquerella gordonii (Gray) Wats. (7)
Flr. yellow, pedicels nigrous,
7 miles southeast of State
line Cafe, Texas Ranch Road
1165 Culberson Co.
April 23

6642 Nerisyrenia camporum (Gray) Greene (3)
Flr. white - aging purplish border
lvs. toothed to entire
gypsum area 22 miles
southeast of State line Cafe,
64² Texas Ranch Road 652,
Culberson Co., April 23

6643 Nerisyrenia linearifolia (Watts.) Greene (6)
Flr. white, very abundant,
intermixed with 6642
can't see any good evidence
of hybridization

6644 Nemacaulis campestris (Nutt.) Greene (5)
Fls. white, ~~to~~ pink, lvs. toothed
57.5' to entire, scrubland toward eastern
edge of gypsum area, 3 miles
west of Orla, Loving Co.
April 23
no N. linearifolia present.
a number of plants examined for
leaf form. Each plant is constant
but different plants vary from
narrower entire leaves to broader
toothed lvs. As we came out
of the gypsum area, N. campestris
became more abundant and
soon the populations were pure
N. campestris.

6645' Dithyrea wislizenii Engelm. (5)
Fls. white, sandy soil
10 miles northeast of
Mentone, Loving Co.,
April 23

Texas with Cornell (3)

6646 Wesquerella gordonii (Gray) Wats
Fls. yellow, pedicels sigmoid,
Kermit sandy soil of playa margin,
792 9 miles southwest of
39 Brownfield, Terry Co.
April 24

6647 Descurainia pinnata (Walt) Britt. (7)
as 6646

Tennessee

6648 Leavenworthia exigua Rollins (3)
near small stream, glade area,
finite 2 miles south of Lavergne,
Rutherford Co., April 25.

6649 Lesquerella x maxima
4 miles northeast of Lavergne
on Lavergne-Couchville Pike,
near Stones River, Davidson
Co., April 25

population in old alfalfa
field sampled.

Tennessee

with O.T. Solbrig

6650 Wesq. X maxima
below bridge over Stoner
River, crossing of Interstate
40, 1/4 mile below
Dam April 26

Flower color varies from yellow
(not orange yellow) to white.
The white flowers are pure white
on the limb and greenish-
yellow on the claw. The yellow
flowers are lemon-yellow to a
little deeper yellow. Intermediates
range from light yellowish to
cream.

In taking the samples, the
intermediates were put together.
These included whitish yellow and
yellowish white.

4 categories of samples were taken

① White flowered
② Intermediate (cream)
③ yellow-flowered
④ Flower color not determinable.

6657 berg. x maxima
below bridge where Cornhill Pike crosses Stones River, 6 miles east of Una, Davidson Co
plants scattered in old cultivated field, typical stonensis and typical densiphila not seen to be present. Some evidence lescurii may be involved slightly. Intermediates include a range of flower color from yellowish white to whitish yellow.
most flowers in the population were on the white side. Very few pure yellow and none that could be called orange-yellow
population extends about a mile along the flood plain of the river.

April 26

6652 Hesp. X maxima
large bend of Stones River at the end of Walker Road, east side of Stones River, old pasture with weedy growth.

April 26

yellow flowers appear to predominate but these are not orange yellow and mostly tend toward creamy yellow. Fully white-flowered plants are present in some abundance.

6653 Hesp. X maxima
flood plain of Stones River, a 1/2 mile SW of Suggs Creek.
plants widely spaced over about a mile of river bottom
white-flowers predominate.
Saw no evidence of lescurii

April 26

6654 Hesp. X maxima
scattered clumps of small plants
in a heavily grown-up pasture.
plants quite mature. off Cook
Rd. east side of Stones River

April 26

6655 Hesp. X maxima
scattered plants in an old
corn-field, just downstream from
collection 6654.

April 26

Tennessee

6656 b.sarg. dentipila
near Harpeth River, just
south of Kirkland, Williamson
Co., Tenn. April 27

6657 b.sarg. lescurii
about 1/4 mile south of
Arrington on Arrington Creek.
in pasture

6658 b.sarg. dentipila × lescurii
near Harpeth River, population
on north side of River - begins
about 1/4 mile above Hampkin
Bridge and extends for approximately
1 mile east to the Arrington
Creek. plants over most of the
area appeared to be most
like b. lescurii. However
at lower end of field below

point where the natural contour of the land swings the flooding water back across the river ~~to the~~ from the south side to the north side, we found what appeared to be more like intermediate hybrids. We made a special sampling of an area of approximately 50 ft. in diameter. This sample is number 6658

6659 - Wesq. Dasycaula × Lasiocarpa see above.

Rd 6183 = Arno Rd.

6660 h.sq. denigrata ? "introgressed" old glade in pasture, corner Trinity Road and junction with county Road 6183, about 1/4 mile from Harpeth River. April 27th
unclear as to how much introgression there may be from lescurii. Fruit shape variable.

6661 h.sq. ✕ denigrata × lescurii Harpeth River crossing, Trinity Rd. cultivated field margins. about 1/2 mile north of coll. 6660.
Williamson Co.

6662 h.sq. denigrata × lescurii Harpeth River crossing on county Road 6183 above Franklin - April 27th
Williamson Co.
plants in ~~clover~~ alfalfa field.

6663 Hex. densipila × lescurii
pasture below bridge over
Harpeth River where state route
100 crosses. This locality is
about 200 yards downstream from
the entrance of the Little Harpeth
Davidson Co.,
April 27th

6664 Hex. densipila × lescurii
Field near Harpeth River ~~was~~ below
bridge where Interstate Route 65
crosses. Most plants appeared
to be densipila-like.
Williamson Co.,
April 27th.

6665 Iodanthus
Flrs. pale purplish, nearly white.
Harpeth River, Williamson Co,
near Davidson Co., line -
April 28

6666 Lesq. denisipila x lescurii
below bridge where Hillsboro
Road crosses the Harpeth
River, Williamson Co.
April 28

6667 Lesq. denisipila x lescurii
just below bridge where interstate
route 40 crosses the Harpeth
River, large population
Davidson Co.
April 28

6668 Lesq. denisipila x lescurii
Fields near Harpeth River, about
2 miles above bridge where
U.S. Highway 70S crosses
the Harpeth, Cheatham Co.
April 28

Tennessee

6669 Lesq. denigida x lescurii
old compield, above bridge
crossing Harpeth River, road
from White Bluff to Ashland City,
Cheatham Co.
April 28

6670 Lesq. denigida x lescurii
below bridge where state highway
49 crosses Harpeth River between
Charlotte and Ashland City,
Cheatham Co.
April 28

6671 Lesq. ~~den~~ lescurii
Boat dock area, near Cumberland
River, at mouth of Big Bluff
Creek. 2 miles ~~W.~~ ~~below~~ Ashland
~~4E6~~ City, Cheatham Co

Tennessee

6672 Lesq. globosa (Desv.) Wats.
taken of road bank, near Bull Run Creek, between Nashville and Ashland City, Davidson Co
April 28

6673 Lesq. perforata
near Spring creek, north of Lebanon, Wilson Co.,
April 28

6674 Lesq. perforata
pasture, near Lebanon (on northwest edge) Wilson Co - April 28

~~912~~ Una.
27.9 Jct. Baker & Cook Rd.

b. x designate

(1) small colony - along blacktop about 1.5 miles below bridge over Harpeth extension of Patton Road.

(2) Route 100 crossing

(3) Interstate 40 crossing

(4) Road just right after crossing Harpeth on Ind. 40 - stay on main (paved) road - field above cornfield - mcrory lane - can turn opposite Newsom's off route 70S

(5) 70S crossing

(6) White Bluff - Ashland City crossing cornfield here

b. denigrata

(1) just beyond Kirkland

(2) ½ mile east of Unnamed

(3) corner of Trinity Road & blacktop
East of Franklin -

(4) blue bridge where Interstate 65
crosses Harpeth

Locations

(1) Nolensville Road - W. of Belco
S. M. Summit

(2) Arrington Creek on road to Pattons.

(3) along black-top east of Franklin

(4) Cumberland River below
mouth of Big Bluff Creek.
Cheatham Co.

(5) 11 miles west of Ashland City
Cheatham Dam road.

Lacey x maxima

(1) Lavergne - Condrille Pike - on turn just before Riley for Mayo sign old abandoned buildings on left.

(2) pasture + old alfalfa field - near old abandoned log + galvanized iron house - classical location - on Lavergne - Condrille Pike good stand.

(3) Cornfield downstream from Condrille Pk. bridge

(4) Jones place at end of Walker Road

(5) Bottomlands where pipeline crosses Old Hickory Blvd

(6) Red gate on blacktop 5/1 Old Hickory to left.

(7) Below bridge of Interstate 40

[illegible] n. sp.
near U.S. 83, 3 miles southeast of
Zapata, Zapata Co., Texas.
Rollins & Small 5749 - April 19

Sisyrinchium n. sp.
Tornillo Creek bed at Hot Springs,
Brewster Co., Texas. March 26, 1939
Omer E. Sperry 1644

Bray specimen says: "Tornillo Creek 15 mi. N. above Hot Springs."

Desmanthus Berlandieri

5 miles east (and 7 miles east?) Cadereyta, between Monterrey & Raynosa, Nuevo Leon

D. Fendleri type with broad leaves - gravel of Oak Creek, below Chisos mts. Big Bend Nat. Park.

Desmanthus n. sp.
Anacacho Ranch, west facing canyon on W. side of Anacacho mts.

Correll & Correll 30764 & 30778
April 1, 65